

Maneuver Control System (MCS)



MISSION

Provide automated, online, near-real-time capability for planning, coordinating, monitoring, and controlling tactical operations.

DESCRIPTION AND SPECIFICATIONS

The Maneuver Control System (MCS) automates the creation and distribution of the common tactical picture of the battlefield, as well as creates and disseminates operations plans and orders for combined arms maneuver commanders. MCS integrates battle information from other battlefield functional area (BFA) command and control systems to provide timely, accurate status information, as well as situational awareness for the Army Battle Command System (ABCS).

MCS Block IV software has as its foundation the Defense Information Infrastructure Common Operating Environment (DII COE) software and will be compliant with the Joint Technical Architecture (JTA). MCS software will also evolve to ABCS. MCS will be fielded on common hardware and will implement a client/server architecture.

FOREIGN COUNTERPART

The MCS is designed to interoperate with the respective command and control systems of the United Kingdom, Germany, France, Italy, and Canada. The implementation is based upon North Atlantic Treaty Organization (NATO) and Australia, Britain, Canada, and America (ABCA) agreements and therefore is extendible to other coalition partners.

FOREIGN MILITARY SALES

None

PROGRAM STATUS

4QFY96 Awarded contract for MCS Block IV software development to produce the software for the first digitized division (FDD) in FY00 and the first digitized corps (FDC) in FY04.

3QFY98 Conducted initial operational test and evaluation (IOT&E) of MCS Block III Version 12.01.

Current Block III currently being used by the training school for leader development and evolution of digitized doctrine.

Block IV currently focused on producing Version 6.0 to be used in support of the Force XXI Brigade and Below (FBCB2) limited user test and Version 6.2 for use in the follow-on MCS IOT&E (FY02) and the FBCB2 IOT&E (FY02).

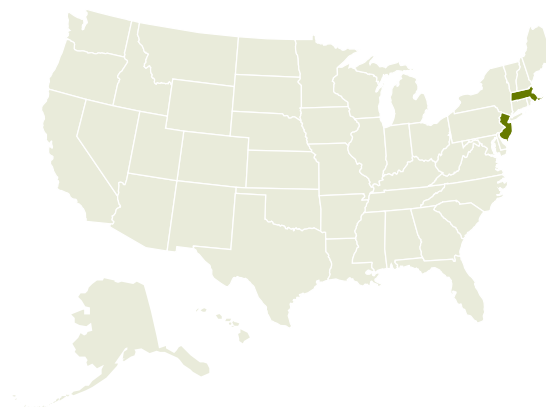
PROJECTED ACTIVITIES

- Continue development of MCS Block IV software for the FDD and FDC.
- Continue Advanced Warfighting Experiment participation.
- Conduct Block IV IOT&E in FY02 with subsequent milestone III decision.

PRIME CONTRACTORS

Block IV Software: Lockheed Martin (Tinton Falls, NJ)

High Capacity Computer Unit: General Dynamics (Taunton, MA)



* See appendix for list of subcontractors

